

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061218\
 Data File : BF106339.D
 Acq On : 12 Jun 2018 12:55
 Operator : JU/SJ
 Sample : J3291-07 10X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CAS1-SB-01-1-4

Quant Time: Jun 13 01:29:50 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 11 15:00:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	164594	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	618456	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	269648	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	459460	20.00	ng	0.00
75) Chrysene-d12	14.15	240	490933	20.00	ng	0.00
86) Perylene-d12	15.71	264	476566	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	95983	9.87	ng	0.00
7) Phenol-d6	6.58	99	122344	9.96	ng	0.00
23) Nitrobenzene-d5	7.52	82	74972	7.13	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	22203	8.56	ng	-0.01
44) 2-Fluorobiphenyl	9.32	172	144150	0.49	ng	0.00
78) Terphenyl-d14	13.08	244	212467	10.75	ng	0.00

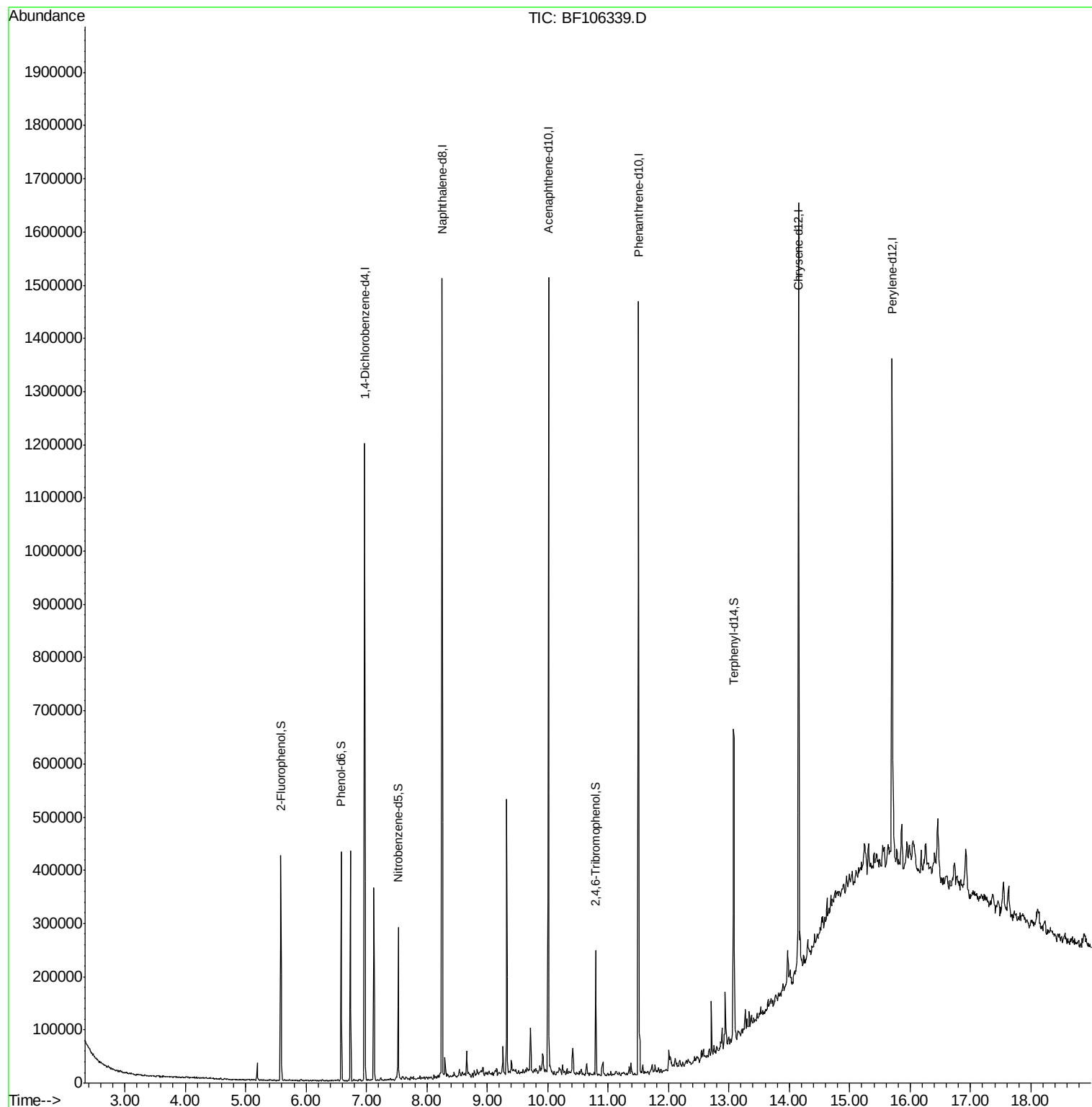
Target Compounds Qvalue

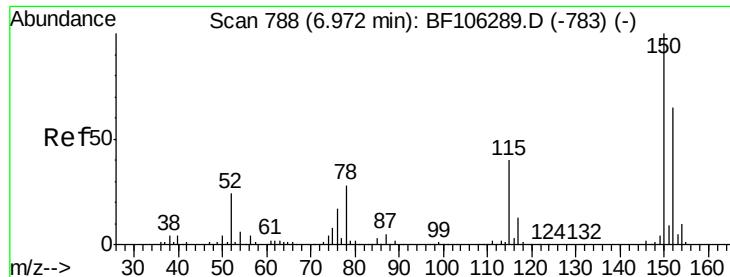
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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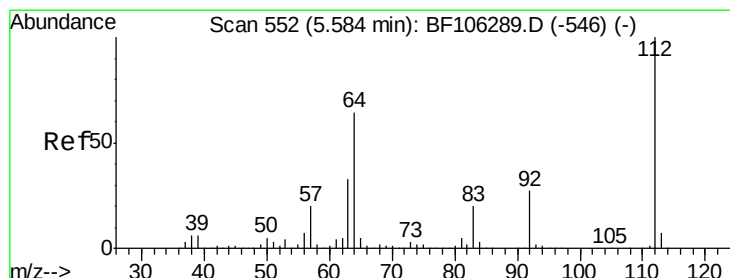
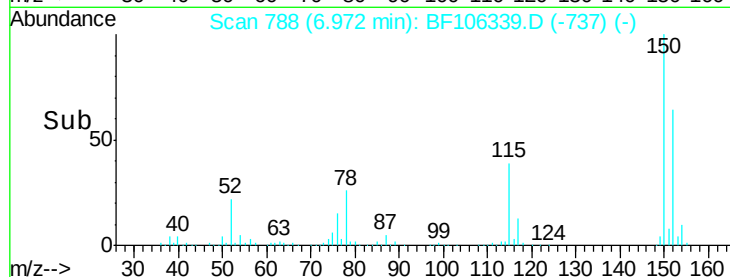
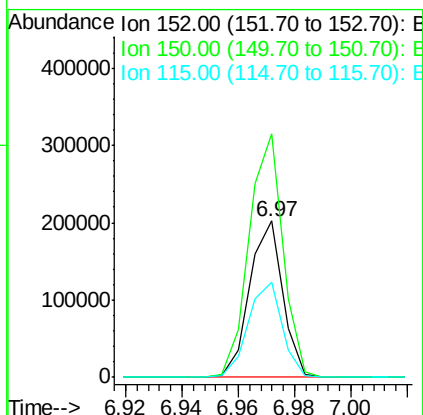
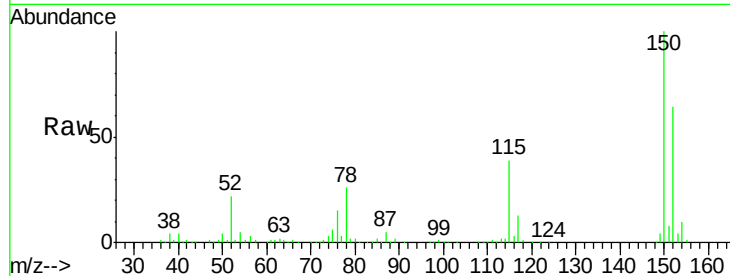


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF106339.D
Acq: 12 Jun 2018 12:55

Instrument :
BNA_F
ClientSampleId :
CAS1-SB-01-1-4

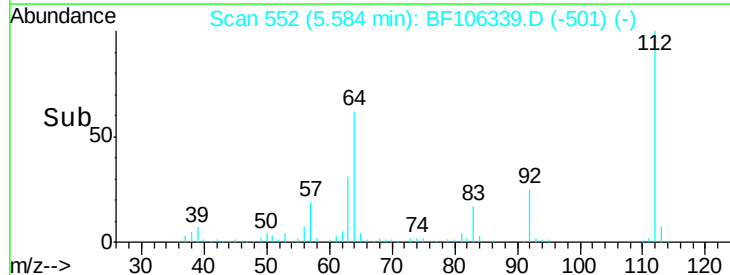
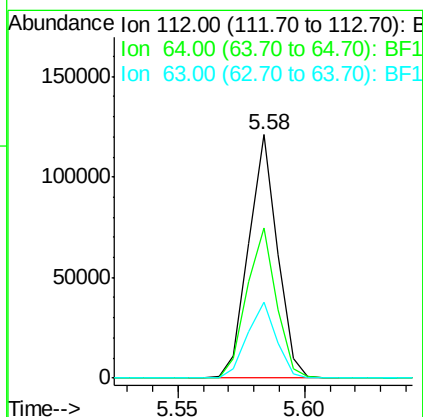
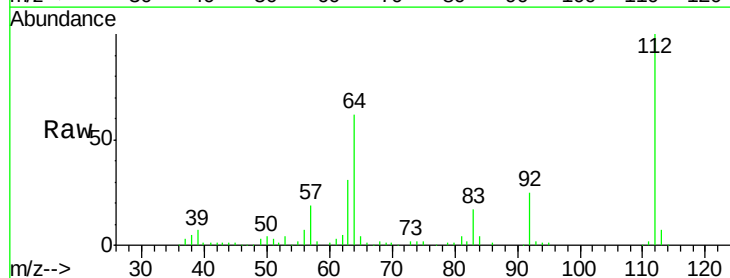
Tot Ion:152 Resp: 164594
Ion Ratio Lower Upper
152 100
150 156.1 124.6 186.8
115 61.1 50.1 75.1

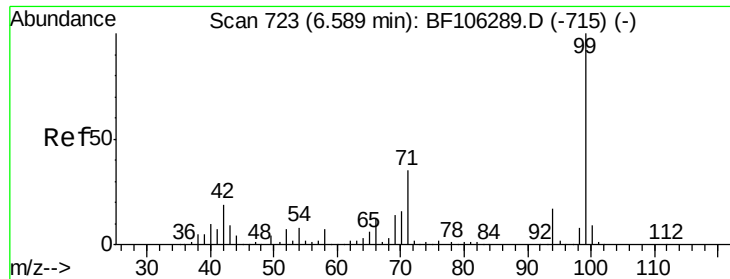


#5

2-Fluorophenol
Concen: 9.870 ng
RT: 5.58 min Scan# 552
Delta R.T. 0.00 min
Lab File: BF106339.D
Acq: 12 Jun 2018 12:55

Tgt Ion:112 Resp: 95983
Ion Ratio Lower Upper
112 100
64 61.7 47.9 71.9
63 31.1 23.7 35.5





#7

Phenol-d6

Concen: 9.958 ng

RT: 6.58 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF106339.D

Acq: 12 Jun 2018 12:55

Instrument :

BNA_F

ClientSampleId :

CAS1-SB-01-1-4

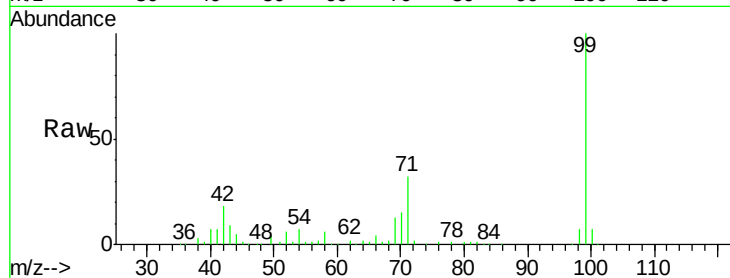
Tot Ion: 99 Resp: 122344

Ion Ratio Lower Upper

99 100

42 17.6 14.5 21.7

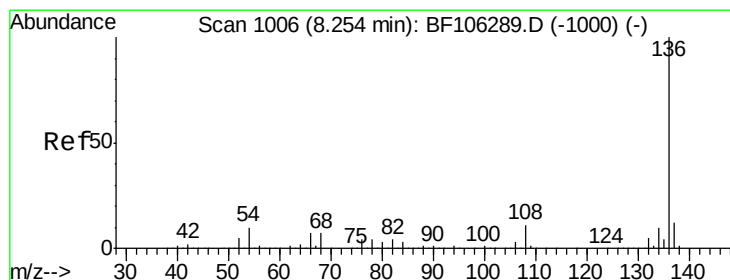
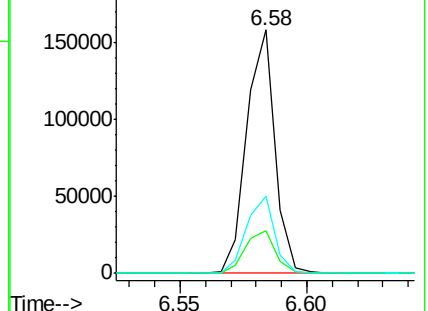
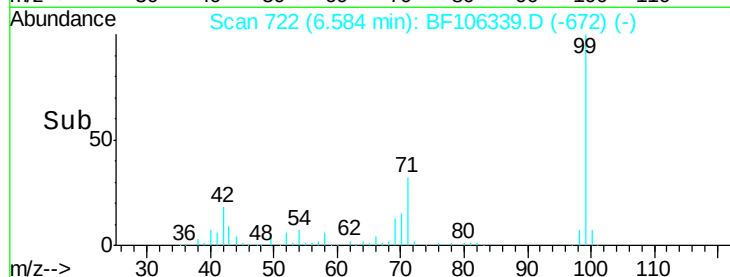
71 32.0 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1006

Delta R.T. 0.00 min

Lab File: BF106339.D

Acq: 12 Jun 2018 12:55

Tgt Ion: 136 Resp: 618456

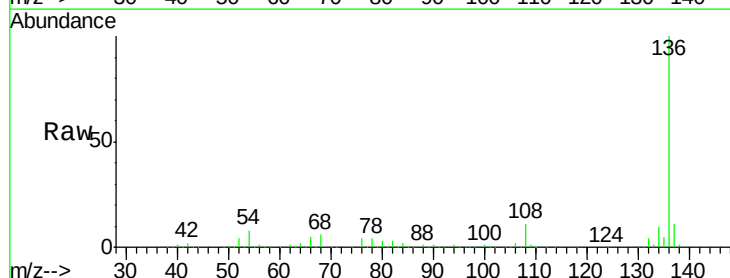
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 8.5 6.6 9.8

68 6.5 5.0 7.4

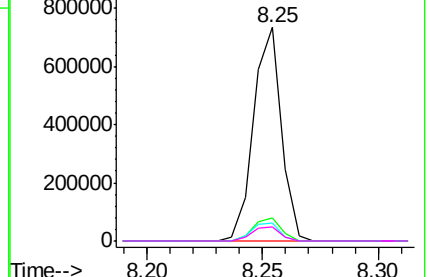
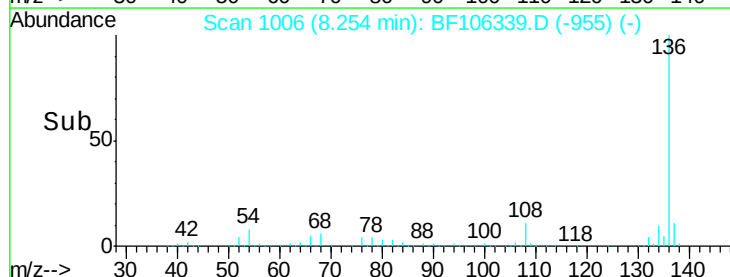


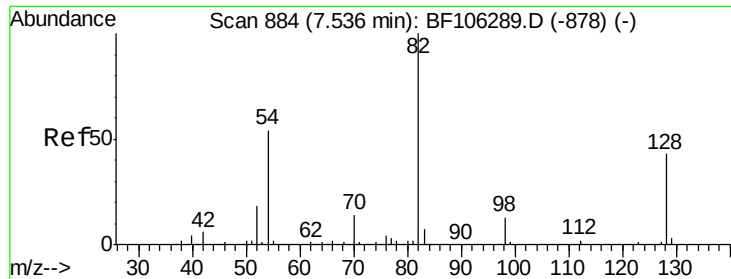
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

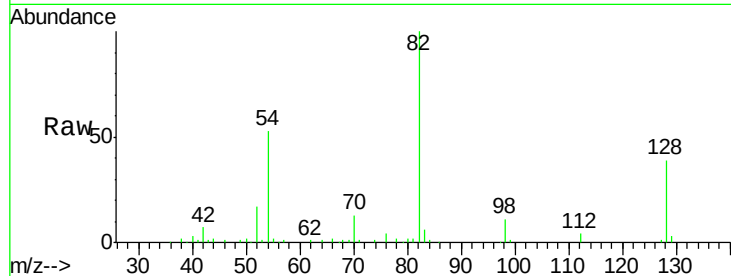




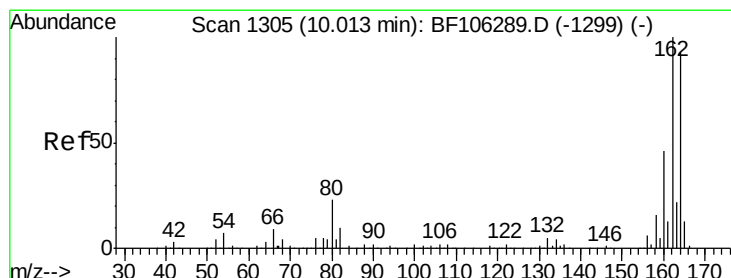
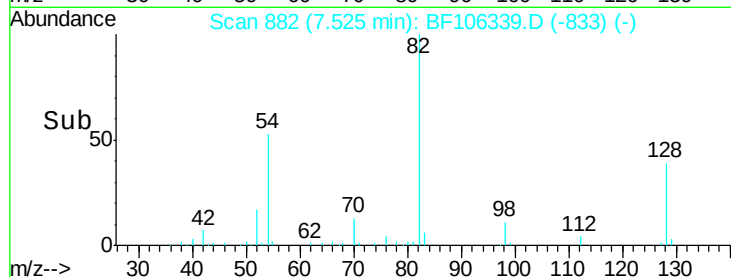
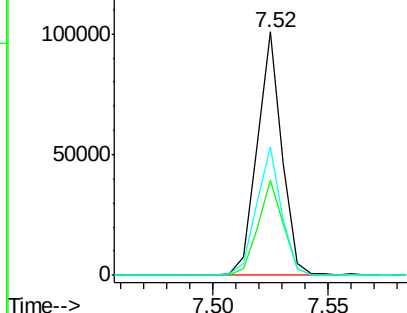
#23
 Nitrobenzene-d5
 Concen: 7.131 ng
 RT: 7.52 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BF106339.D
 Acq: 12 Jun 2018 12:55

Instrument :
 BNA_F
 ClientSampleId :
 CAS1-SB-01-1-4

Tot Ion: 82 Resp: 74972
 Ion Ratio Lower Upper
 82 100
 128 39.1 36.1 54.1
 54 52.5 41.4 62.2

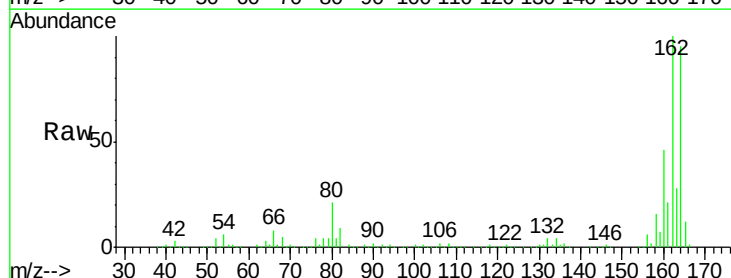


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

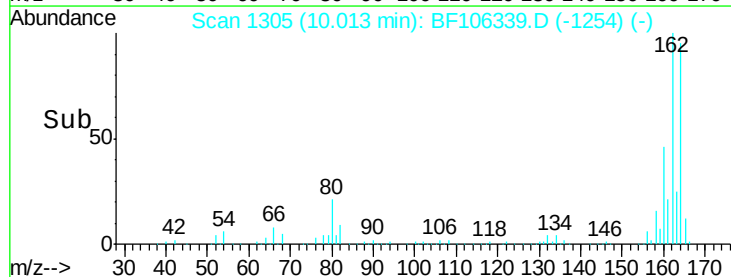
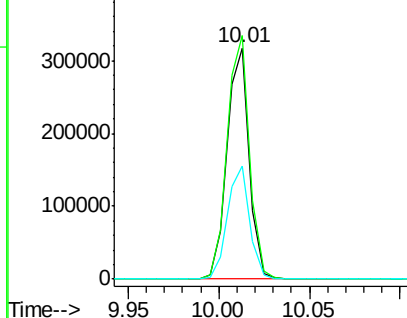


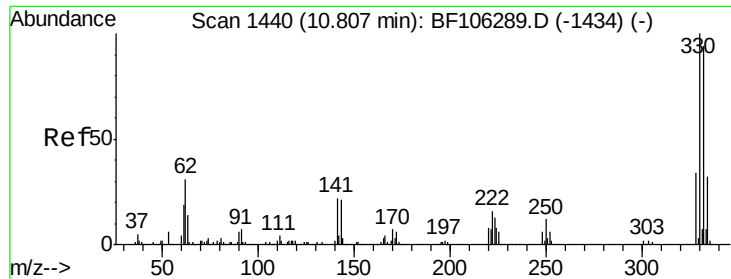
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.01 min Scan# 1305
 Delta R.T. 0.00 min
 Lab File: BF106339.D
 Acq: 12 Jun 2018 12:55

Tgt Ion: 164 Resp: 269648
 Ion Ratio Lower Upper
 164 100
 162 105.4 86.1 129.1
 160 48.7 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
 Ion 162.00 (161.70 to 162.70): BF1
 Ion 160.00 (159.70 to 160.70): BF1

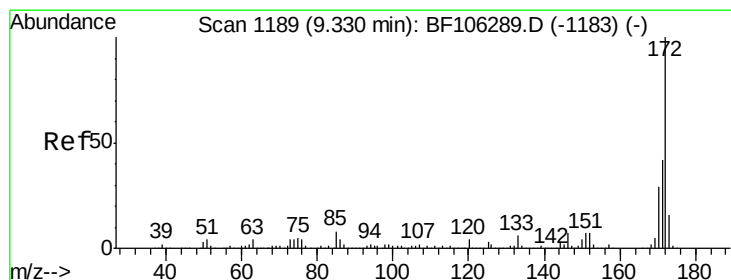
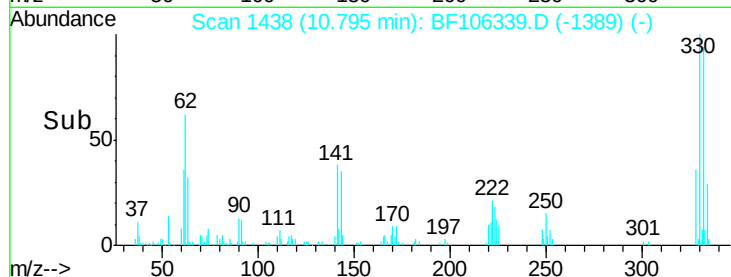
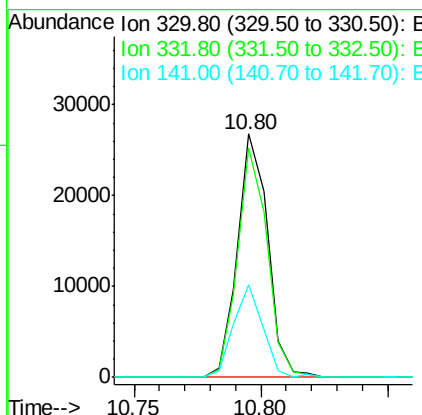
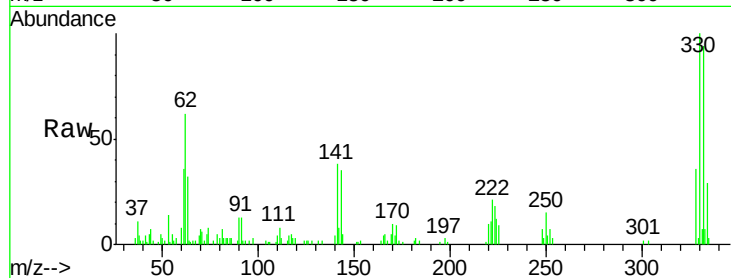




#41
 2,4,6-Tribromophenol
 Concen: 8.558 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF106339.D
 Acq: 12 Jun 2018 12:55

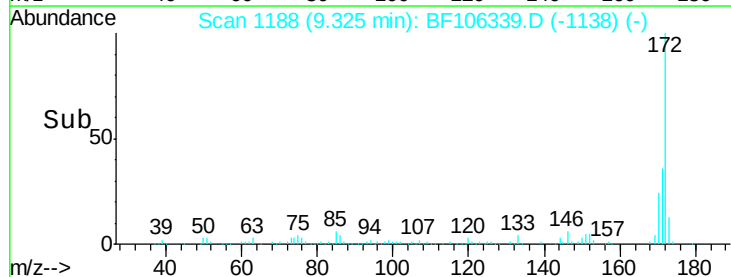
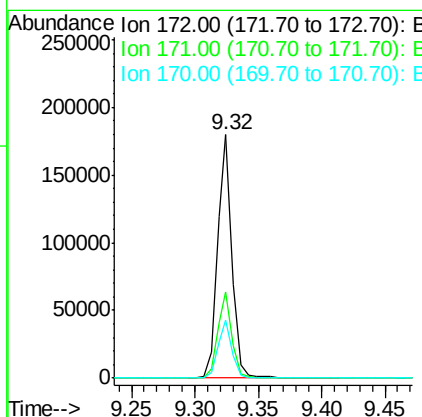
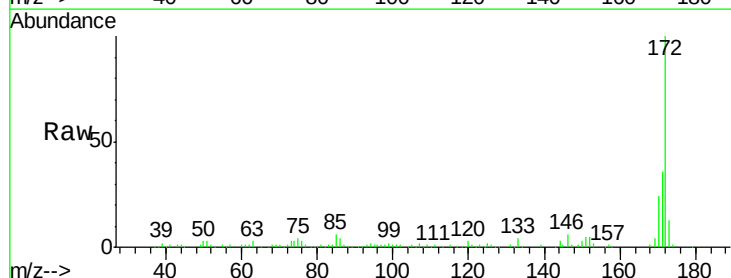
Instrument :
 BNA_F
 ClientSampleId :
 CAS1-SB-01-1-4

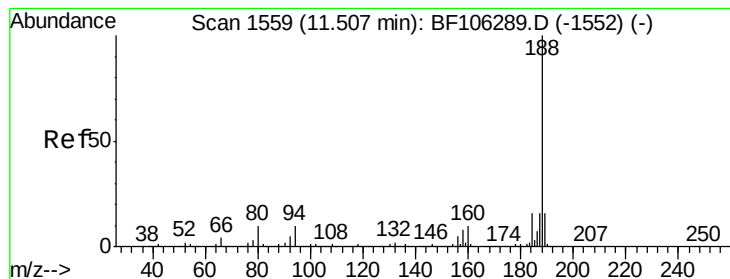
Tot Ion:330 Resp: 22203
 Ion Ratio Lower Upper
 330 100
 332 92.7 77.0 115.6
 141 36.7 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 0.485 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF106339.D
 Acq: 12 Jun 2018 12:55

Tgt Ion:172 Resp: 144150
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.7 44.5
 170 23.9 19.6 29.4





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1558

Delta R.T. -0.01 min

Lab File: BF106339.D

Acq: 12 Jun 2018 12:55

Instrument :

BNA_F

ClientSampleId :

CAS1-SB-01-1-4

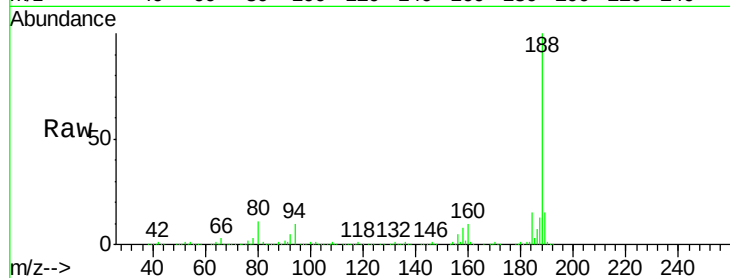
Tot Ion:188 Resp: 459460

Ion Ratio Lower Upper

188 100

94 9.9 8.5 12.7

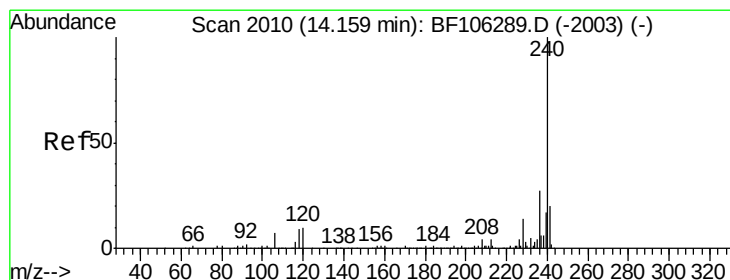
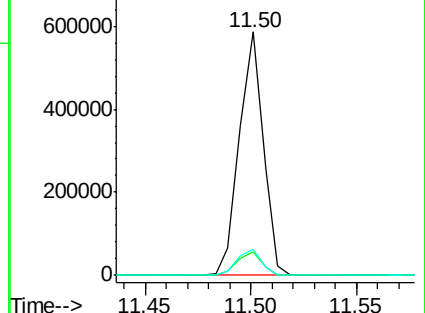
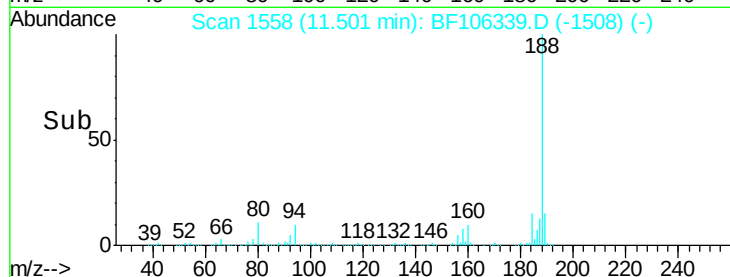
80 10.9 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BF106339.D

Acq: 12 Jun 2018 12:55

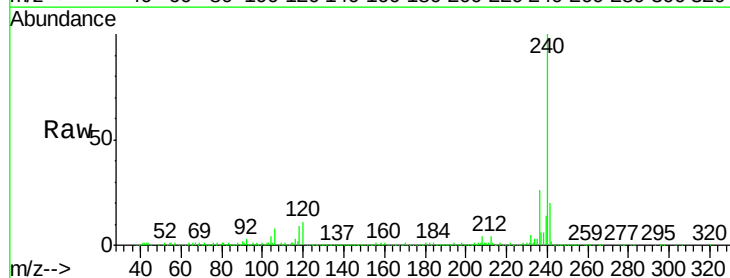
Tgt Ion:240 Resp: 490933

Ion Ratio Lower Upper

240 100

120 11.1 9.5 14.3

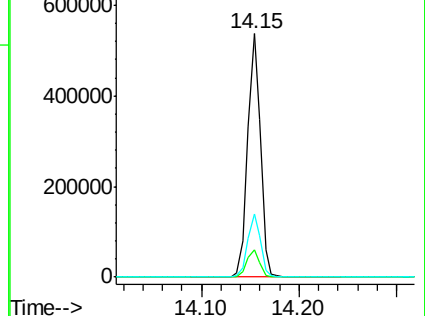
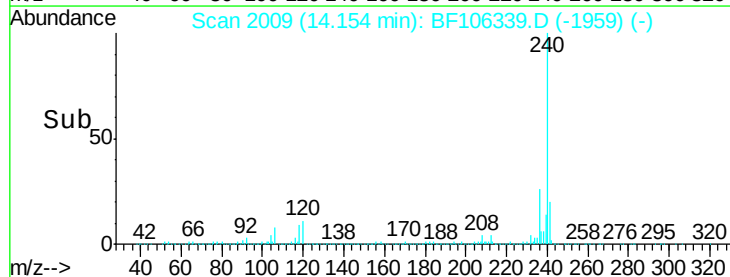
236 26.1 20.7 31.1

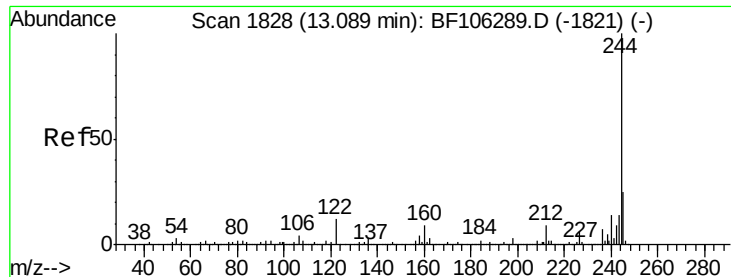


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 10.749 ng

RT: 13.08 min Scan# 1827

Delta R.T. -0.01 min

Lab File: BF106339.D

Acq: 12 Jun 2018 12:55

Instrument :

BNA_F

ClientSampleId :

CAS1-SB-01-1-4

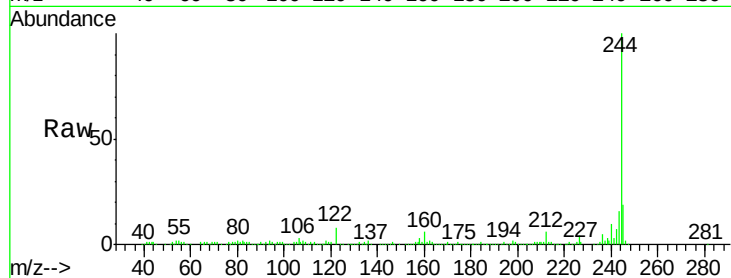
Tot Ion:244 Resp: 212467

Ion Ratio Lower Upper

244 100

212 5.7 5.4 8.0

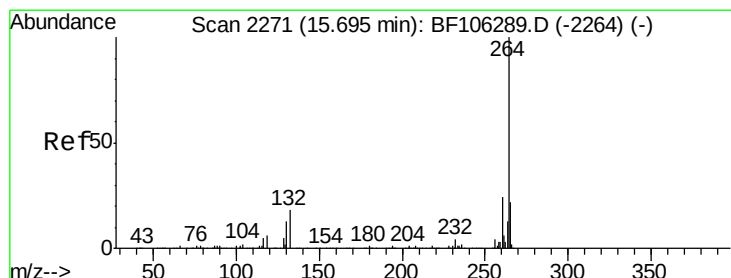
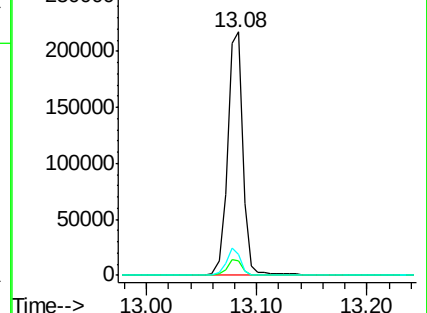
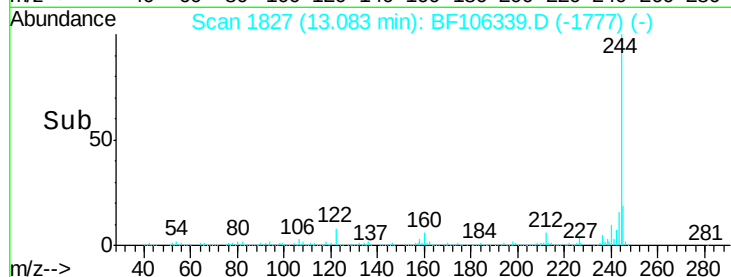
122 8.5 11.0 16.4#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.71 min Scan# 2273

Delta R.T. 0.01 min

Lab File: BF106339.D

Acq: 12 Jun 2018 12:55

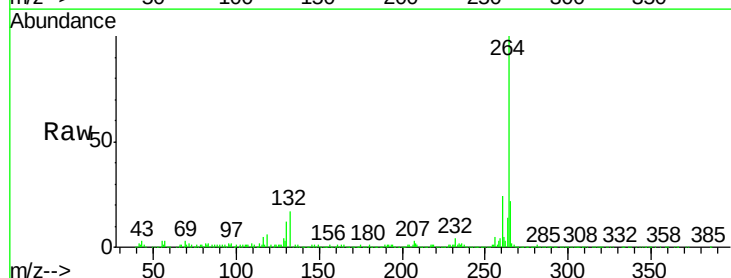
Tgt Ion:264 Resp: 476566

Ion Ratio Lower Upper

264 100

260 24.3 19.2 28.8

265 22.1 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

